

## CA-NV AWWA Water Loss Technical Assistance Program

### Wave 4 Water Audit Level 1 Validation Document

#### Audit Information:

Utility: Mission Springs Water District

PWS ID: CA3310081

System Type: Potable

Audit Period: Calendar 2019

Utility Representation: Danny Friend (Director of Engineering and Operations)

Validation Date: 6/28/2021

Call Time: 2.00 pm

Sufficient Supporting Documents Provided: Yes

#### Validation Findings & Confirmation Statement:

##### Key Audit Metrics:

Data Validity Score: 74    Data Validity Band (Level): Band IV

ILI: --

Real Loss: N/A

Apparent Loss: 3.99 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 14.2%

##### Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

#### Validator Information:

Water Audit Validator: Tanmay Thakur    Validator Qualifications: Water Audit Validator Certificate issued by the CA-NV Section of the AWWA

Validator Provided

**Water Supplier Name:** Mission Springs Water District

**Water Supplier ID Number:** CA3310081

**Water Audit Period:** Calendar 2019

**Water Audit & Water Loss Improvement Steps:**

Utility to provide steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

The retail cost is less compared to the production cost. This is a relatively small system therefore this improvement district (IDE) currently has a higher production cost. In future operations and subsequent audits improvements are expected in terms of reduction in production cost and relative higher retail unit cost. This should help the utility to obtain an Infrastructure Leakage Index (ILI) while creating audits. Utility is also in the process of meter replacement program.

**Certification Statement by Utility Executive:**

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audit and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (Print)

Executive Position

Signature

Date

Danny Friend

Director of Engr. And Ops



6/28/2021